

CIVIL LEGEND

WATERMAIN	
SLUICE VALVE	
AIR VALVE	
FIRE HYDRANT	
MAGNETIC FLOW WATER METER	
BOUNDARY BOX	
SITE BOUNDARY	
I.W. WAYLEAVE FOR FUTURE SERVICES	
EXISTING IRISH WATER ASSET TO BE DIVERTED/DECOMMISSIONED BY DEVELOPER HIGHLIGHTED THUS	
EXISTING IRISH WATER ASSET TO BE DIVERTED/DECOMMISSIONED BY IRISH WATER HIGHLIGHTED THUS	

NOTES ON WATERMAIN:

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH IRISH WATER'S STANDARD DETAILS AND CODE OF PRACTICE FOR WATER INFRASTRUCTURE.

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS' & ARCHITECT'S DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - ASK.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.



PROPOSED CONNECTIONS TO EXISTING WATERMANS SUBJECT TO CONNECTION APPLICATION BEING MADE TO IRISH WATER

THE SITE WILL BE SERVED BY TWO LOOPS, ONE FROM THE SOUTH CONNECTED TO THE EXISTING 150mm WATERMAIN, AND ONE FROM THE NORTH SERVED BY THE EXISTING 150mm WATERMAIN SERVING THE HOUSING ESTATE TO THE NORTHEAST. THE TWO LOOPS ARE CONNECTED AT THIS LOCATION WITH SLUICE VALVES NORMALLY SHUT TO AVOID EXCESSIVE PRESSURE IN THE LOWER LOOP. A WASHOUT HYDRANT IS PROVIDED TO ALLOW CLEANING OF THE UPPER NETWORK.

PROPOSED CONNECTION TO FUTURE IW SUPPLY WATERMAIN. DETAILS TO BE AGREED WITH IRISH WATER AS PART OF THE CONNECTION APPLICATION PROCESS

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SCOUR VALVE WITH NON-RETURN CONNECTION TO SURFACE WATER MANHOLE S1.18

PLOT NUMBERS

Type	Plot Numbers
Townhouses	A1 - A3
Block B	B1 - B5
Block C	C1 - C3
Block I	I1 - I4
Block J	J1 - J5
Block K	K1 - K3
Block L	L1 - L5
Block M	M1 - M5
Block O	O1 - O5
Block P	P1 - P3
Block Q	Q1 - Q5
Total no. of Townhouse Units	46
Type	Plot Numbers
Duplex Units	D1 - D18
Block E	E1 - E10
Block F	F1 - F20
Block G	G1 - G10
Block H	H1 - H10
Block N	N1 - N8
Block R	R1 - R18
Total no. of Duplex Units	108
Type	Plot Numbers
Apartment	S1 - S20
Block S	T1 - T24
Block U	U1 - U8
St Kevin's Hospital	SK1 - SK80
Total no. of Apartments	112
Non Residential	SQM
St Kevin's Hospital/Crèche	440
St Kevin's Chapel Enterprise Office Centre	650

PROPOSED WATERMAIN LAYOUT

SCALE @ A1: 1:500
SCALE @ A3: 1:1000

ISSUE	DATE	DESCRIPTION	NAME	DATE	STATUS
PL5	08.12.20	ISSUED FOR PLANNING	NMM	MJ	SM
PL5	03.12.20	ISSUED FOR I.W. SoDA	NMM	MJ	SM
PL4	01.12.20	ISSUED FOR I.W. SoDA	NMM	MJ	SM
PL3	23.11.20	ISSUED FOR I.W. SoDA	NMM	MJ	SM
PL2	28.10.20	ISSUED FOR COMMENT	NMM	MJ	SM
PL1	29.04.20	ISSUED FOR PLANNING	NMM	MJ	SM

DRAWING STAGE **PLANNING**

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BARRETT MAHONY
The Institution of Structural Engineers
ACEI
International Federation of Consulting Engineers

CLIENT **LAND DEVELOPMENT AGENCY**

PROJECT TITLE **ST KEVIN'S STRATEGIC HOUSING DEVELOPMENT** BM PROJECT No. **19305**

MODEL REFERENCE **19305-BMD-ZZ-XX-DR-C-1010** MODEL REV. **P1** SUITABILITY **S0**

DRAWING TITLE **PROPOSED WATERMAIN LAYOUT**

DRAWING No. **19305-BMD-ZZ-XX-DR-C-1010** ISSUE **PL5**